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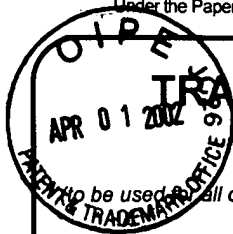
PTO/SB/21 (08-00)

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**TRANSMITTAL  
FORM**


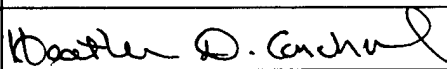
*Do not be used for all correspondence after initial filing*

|   |  |                             |                               |                           |
|---|--|-----------------------------|-------------------------------|---------------------------|
| <b>Application Number</b>                       |  | 10/039,232                  |                               |                           |
|   |  | <b>Filing Date</b>          |                               | December 31, 2001         |
|   |  | <b>First Named Inventor</b> |                               | William Reeves            |
|   |  | <b>Group Art Unit</b>       |                               | 1732                      |
| <b>Examiner Name</b>                            |  | Unknown                     |                               |                           |
| <b>Total Number of Pages in This Submission</b> |  | 14                          | <b>Attorney Docket Number</b> | 11710-0320 (44043/263105) |

**ENCLOSURES (check all that apply)**

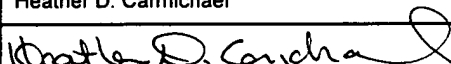
|   |  |  |                |  |
|---|--|--|----------------|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input checked="" type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><b>Request for Corrected Filing Receipt (1p); and Return postcard</b> |                |  |
| <table border="1"> <tr> <td><b>Remarks</b></td> <td></td> </tr> </table>  |  |  | <b>Remarks</b> |  |
| <b>Remarks</b>  |  |  |                |  |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                         |   |  |
|-------------------------|---|--|
| Firm or Individual name | Heather D. Carmichael, Reg. 42,389<br>Kilpatrick Stockton LLP                       |  |
| Signature               |  | <b>23370</b><br>PATENT TRADEMARK OFFICE  |
| Date                    | March 19, 2002  |  |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: **March 19, 2002**

|                       |   |      |                |
|-----------------------|---|------|----------------|
| Typed or printed name | Heather D. Carmichael   |      |                |
| Signature             |  | Date | March 19, 2002 |

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## OIP FEE TRANSMITTAL

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Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1360

## Complete if Known

|                      |                           |
|----------------------|---------------------------|
| Application Number   | 10/039,232                |
| Filing Date          | December 31, 2001         |
| First Named Inventor | William Reeves            |
| Examiner Name        | Unknown                   |
| Group / Art Unit     | 1732                      |
| Attorney Docket No.  | 11710-0320 (44043/263105) |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☐ Deposit Account:

Deposit Account Number 11-0855

Deposit Account Name Kilpatrick Stockton LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 740             | 201            | 370             | Utility filing fee     | 740      |
| 106            | 330             | 206            | 165             | Design filing fee      |          |
| 107            | 510             | 207            | 255             | Plant filing fee       |          |
| 108            | 740             | 208            | 370             | Reissue filing fee     |          |
| 114            | 160             | 214            | 80              | Provisional filing fee |          |

SUBTOTAL (1)

(\$ 740)

## 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 45                 | -20 ** = 25  | X 18 =         | 450      |
| Independent Claims | 1            | -3 ** = 0      | X = 0    |
| Multiple Dependent |              | X =            | 0        |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 84              | 202            | 42              | Independent claims in excess of 3                          |
| 104            | 280             | 204            | 140             | Multiple dependent claim, if not paid                      |
| 109            | 84              | 209            | 42              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$ 450)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|----------|-----------------------|----------|-----------------------|--|----------|
| 105      | 130                   | 205      | 65                    | Surcharge - late filing fee or oath  | 130      |
| 127      | 50                    | 227      | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139      | 130                   | 139      | 130                   | Non-English specification  |          |
| 147      | 2,520                 | 147      | 2,520                 | For filing a request for reexamination                                     |          |
| 112      | 920*                  | 112      | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*                | 113      | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                   | 215      | 55                    | Extension for reply within first month                                     |          |
| 116      | 400                   | 216      | 200                   | Extension for reply within second month                                    |          |
| 117      | 920                   | 217      | 460                   | Extension for reply within third month                                     |          |
| 118      | 1,440                 | 218      | 720                   | Extension for reply within fourth month                                    |          |
| 128      | 1,960                 | 228      | 980                   | Extension for reply within fifth month                                     |          |
| 119      | 320                   | 219      | 160                   | Notice of Appeal   |          |
| 120      | 320                   | 220      | 160                   | Filing a brief in support of an appeal                                     |          |
| 121      | 280                   | 221      | 140                   | Request for oral hearing   |          |
| 138      | 1,510                 | 138      | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140      | 110                   | 240      | 55                    | Petition to revive - unavoidable   |          |
| 141      | 1,280                 | 241      | 640                   | Petition to revive - unintentional   |          |
| 142      | 1,280                 | 242      | 640                   | Utility issue fee (or reissue)   |          |
| 143      | 460                   | 243      | 230                   | Design issue fee   |          |
| 144      | 620                   | 244      | 310                   | Plant issue fee  |          |
| 122      | 130                   | 122      | 130                   | Petitions to the Commissioner  |          |
| 123      | 50                    | 123      | 50                    | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 126      | 180                   | 126      | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                    | 581      | 40                    | Recording each patent assignment per property (times number of properties) | 40       |
| 146      | 740                   | 246      | 370                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149      | 740                   | 249      | 370                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179      | 740                   | 279      | 370                   | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                   | 169      | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 170)

## SUBMITTED BY

## Complete (if applicable)

|                   |                       |                                  |        |           |                |
|-------------------|-----------------------|----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Heather D. Carmichael | Registration No. Attorney/Agent) | 42,389 | Telephone | 404.815.6137   |
| Signature         |                       |                                  |        | Date      | March 19, 2002 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

William Reeves et al.

Serial No.: 10/039,232

Filed: December 31, 2001



FOR: A DURABLY HYDROPHILIC,  
NON-LEACHING COATING FOR  
HYDROPHOBIC SUBSTANCES

Group  
Art Unit: 1732

Examiner: Unknown

Office of Initial Patent Examination  
Commissioner for Patents  
Washington, D.C. 20231

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

A corrected filing receipt is respectfully requested in the above-cited application requesting the correction of each of the inventors' residence as follows:

William G. Reeves, Appleton, Wisconsin

Li-fu Chen, West Lafayette, Indiana

A copy of the Filing Receipt with the above-mentioned changes listed thereon is attached.

Respectfully submitted,

Heather D. Carmichael, Reg. No. 42,389

Date: March 19, 2002

KILPATRICK STOCKTON LLP  
1100 Peachtree Street, Suite 2800  
Atlanta, Georgia 30309-4530  
(404) 815.6137  
Attny Docket No. 11710-0320 (44043/263105)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231 on March 19, 2002.

  
Heather D. Carmichael

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO              | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|------------------------------|----------|------------|------------|
| 10/039,232         | 12/31/2001  | 1732         | 0.00          | 11710-0320<br>(44043-263105) |          | 45         | 1          |

23370  
JOHN S. PRATT, ESQ  
KILPATRICK STOCKTON, LLP  
1100 PEACHTREE STREET  
SUITE 2800  
ATLANTA, GA 30309

CONFIRMATION NO. 7301

## FILING RECEIPT



\*OC00000007461121\*

Date Mailed: 02/12/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

William G. Reeves, ~~Residence Not Provided~~;  
Li-fu Chen, ~~Residence Not Provided~~;

Appleton, Wisconsin  
West Lafayette, Indiana

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/12/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Durably hydrophilic, non-leaching coating for hydrophobic substances

Preliminary Class

264

ENTERED COMPUTER  
ON 2/20/02

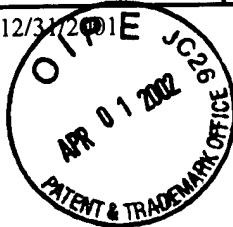
2/26/02



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER    |
|--------------------|---------------------|-----------------------|---------------------------|
| 10/039,232         | 12/31/2001          | William G. Reeves     | 11710-0320 (44043-263105) |

23370  
JOHN S. PRATT, ESQ  
KILPATRICK STOCKTON, LLP  
1100 PEACHTREE STREET  
SUITE 2800  
ATLANTA, GA 30309

CONFIRMATION NO. 7301

## FORMALITIES LETTER



\*OC000000007461106\*

Date Mailed: 02/12/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$450.
  - \$450 for 25 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1320.

04/03/2002 BABRAHA1 00000021 10039232

|           |           |
|-----------|-----------|
| 01 FC:101 | 740.00 OP |
| 02 FC:105 | 130.00 OP |
| 03 FC:103 | 450.00 OP |

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Initial Patent Examination Division (703) 308-1202

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